

SEQUENCE LISTING

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<120> ANTI-INTERFERON-ALPHA ANTIBODIES

<130> GENENT.074A

<150> 60/270775

<151> 2001-02-22

<160> 14

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 114

<212> PRT

<213> Murine

<400> 1

Asp	Ile	Val	Leu	Thr	Gln	Ser	Pro	Ala	Ser	Leu	Ala	Val	Ser	Leu	Gly
1				5					10					15	
Gln	Arg	Ala	Thr	Ile	Ser	Cys	Arg	Ala	Ser	Gln	Ser	Val	Ser	Thr	Ser
			20					25					30		
Ser	Tyr	Ser	Tyr	Met	His	Trp	Tyr	Gln	Gln	Lys	Pro	Gly	Gln	Pro	Pro
		35					40					45			
Lys	Val	Leu	Ile	Ser	Tyr	Ala	Ser	Asn	Leu	Glu	Ser	Gly	Val	Pro	Ala
	50					55					60				
Arg	Phe	Ser	Gly	Ser	Gly	Ser	Gly	Thr	Asp	Phe	Thr	Leu	Asn	Ile	His
65					70				75					80	
Pro	Val	Glu	Glu	Gly	Asp	Thr	Ala	Thr	Tyr	Phe	Cys	Gln	His	Ser	Trp
				85				90					95		
Gly	Ile	Pro	Arg	Thr	Phe	Gly	Ala	Gly	Thr	Lys	Leu	Glu	Leu	Arg	Arg
			100					105					110		
Ala	Val														

<210> 2

<211> 119

<212> PRT

<213> Murine

<400> 2

Glu	Val	Gln	Leu	Gln	Gln	Ser	Gly	Pro	Glu	Leu	Val	Lys	Pro	Gly	Ala
1				5					10					15	
Ser	Val	Lys	Ile	Ser	Cys	Lys	Thr	Ser	Gly	Tyr	Thr	Phe	Thr	Glu	Tyr
			20					25					30		
Ile	Ile	His	Trp	Val	Lys	Gln	Gly	His	Gly	Arg	Ser	Leu	Glu	Trp	Ile
		35				40					45				
Gly	Ser	Ile	Asn	Pro	Asp	Tyr	Asp	Ile	Thr	Asn	Tyr	Asn	Gln	Arg	Phe

10044896-010902

50 55 60
 Lys Gly Lys Ala Thr Leu Thr Leu Asp Lys Ser Ser Arg Thr Ala Tyr
 65 70 75 80
 Leu Glu Leu Arg Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Tyr Cys
 85 90 95
 Ala Ser Trp Ile Ser Asp Phe Phe Asp Tyr Trp Gly Gln Gly Thr Thr
 100 105 110
 Leu Met Val Ser Ala Ala Ser
 115

<210> 3
 <211> 114
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> This sequence represents a humanized chimeric
 antibody comprising human and non-human sequences.

<400> 3
 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
 1 5 10 15
 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Val Ser Thr Ser
 20 25 30
 Ser Tyr Ser Tyr Met His Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro
 35 40 45
 Lys Val Leu Ile Ser Tyr Ala Ser Asn Leu Glu Ser Gly Val Pro Ser
 50 55 60
 Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser
 65 70 75 80
 Ser Leu Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln His Ser Trp
 85 90 95
 Gly Ile Pro Arg Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg
 100 105 110
 Thr Val

<210> 4
 <211> 110
 <212> PRT
 <213> Homo sapiens

<400> 4
 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
 1 5 10 15
 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser Asn Tyr
 20 25 30
 Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
 35 40 45
 Tyr Ala Ala Ser Ser Leu Glu Ser Gly Val Pro Ser Arg Phe Ser Gly
 50 55 60
 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
 65 70 75 80
 Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Asn Ser Leu Pro Trp
 85 90 95

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Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg Thr Val
 100 105 110

<210> 5
 <211> 119
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> This sequence represents a humanized chimeric
 antibody comprising human and non-human sequences.

<400> 5
 Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15
 Ser Leu Arg Leu Ser Cys Ala Thr Ser Gly Tyr Thr Phe Thr Glu Tyr
 20 25 30
 Ile Ile His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45
 Ala Ser Ile Asn Pro Asp Tyr Asp Ile Thr Asn Tyr Asn Gln Arg Phe
 50 55 60
 Lys Gly Arg Phe Thr Ile Ser Leu Asp Lys Ser Lys Arg Thr Ala Tyr
 65 70 75 80
 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95
 Ala Ser Trp Ile Ser Asp Phe Phe Asp Tyr Trp Gly Gln Gly Thr Leu
 100 105 110
 Val Thr Val Ser Ser Ala Ser
 115

<210> 6
 <211> 119
 <212> PRT
 <213> Homo sapiens

<400> 6
 Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15
 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30
 Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45
 Ala Val Ile Ser Gly Asp Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
 50 55 60
 Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
 65 70 75 80
 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95
 Ala Arg Gly Arg Val Gly Tyr Tyr Asp Tyr Trp Gly Gln Gly Thr Leu
 100 105 110
 Val Thr Val Ser Ser Ala Ser
 115

<210> 7

206070-010902 10044896

<211> 15
<212> PRT
<213> Homo sapiens

<400> 7
Arg Ala Ser Gln Ser Val Ser Thr Ser Ser Tyr Ser Tyr Met His
1 5 10 15

<210> 8
<211> 7
<212> PRT
<213> Homo sapiens

<400> 8
Tyr Ala Ser Asn Leu Glu Ser
1 5

<210> 9
<211> 10
<212> PRT
<213> Homo sapiens

<400> 9
Gln His Ser Trp Gly Ile Pro Arg Thr Phe
1 5 10

<210> 10
<211> 10
<212> PRT
<213> Homo sapiens

<400> 10
Gly Tyr Thr Phe Thr Glu Tyr Ile Ile His
1 5 10

<210> 11
<211> 17
<212> PRT
<213> Homo sapiens

<400> 11
Ser Ile Asn Pro Asp Tyr Asp Ile Thr Asn Tyr Asn Gln Arg Phe Lys
1 5 10 15
Gly

<210> 12
<211> 8
<212> PRT
<213> Homo sapiens

<400> 12

2060T0" 9584400T

Trp Ile Ser Asp Phe Phe Asp Tyr
1 5

<210> 13
<211> 30
<212> DNA
<213> Homo sapiens

<400> 13 30
gatcgggaaa gggaaaccga aactgaagcc

<210> 14
<211> 30
<212> DNA
<213> Homo sapiens

<400> 14 30
gatcggcttc agtttcggtt tccctttccc

206070" 9684400T